

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	364	(417/225).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/03/02 11:50
L2	151	1 and piston and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 11:50
L3	29	417/227	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 11:51
L4	397	417/545	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/02 11:55
L5	307	4 and piston and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 11:55
L6	477	417/390	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 11:56
L7	307	5 and piston and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 11:56
S1	2	("0616774").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/31 09:00
S2	6	("1616774").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/31 09:01
S3	11	("1616774").URPN.	USPAT	OR	ON	2008/12/31 09:11
S4	8	("1568447" "1616774" "2173413" "5094081").PN. OR ("5984642").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/31 09:11

S5	80	417/226	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:12
S6	192	417/225	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:17
S7	8	"6193476"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:23
S8	8	"6193476"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:25
S9	18	("1532231" "2014613" "2174114" "2376538" "2490118" "4421463" "4551075" "5118517" "5188517" "5337565").PN. OR ("6193476"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/10 12:28
S10	9	"3148629"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:30
S11	7	"4421463"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:31
S12	10	"2174114"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:32
S13	16	"4219311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:32
S14	14	"3135210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:33

S15	512	417/401	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:34
S16	448	S15 and piston and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 12:35
S17	9	("2261752" "2841086" "4334833" "5104296" "5651666" "5807082" "6193476").PN. OR ("7431572").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/10 12:37
S18	515	417/383	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 13:13
S19	361	S18 and piston and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 13:13
S20	37	("0129353" "0500856" "0583837" "0784991" "1544898" "1568447" "1696065" "1836585" "1907948" "1962473" "1991288" "2050526" "2142773" "2340943" "2342855" "2942552" "2949857" "3991825").PN. OR ("4421463"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/10 13:23
S21	516	417/393	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/10 13:28
S22	348	S21 and piston and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 13:28
S23	346	S22 not (S16 and S19)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 13:29
S24	266	S22 not (S16 or S19)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 13:29
S25	0	{401/390,547,554,555.1}.COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/10 13:39

S26	2662	(417/390,547,554,555.1).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/10 13:39
S27	833	S26 and piston and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 13:40
S28	775	S27 not (S16 or S19 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/06/10 13:40
S29	1	((hollow near2 piston) and cylinder and (transfer near2 chamber) and (discharge or output or outlet) and ((resupply or reload) near2 chamber) and valve).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 08:19
S30	3	((RICHARD) near2 (MCNICHOL)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/02 08:20
S31	9	"3148629"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 08:28
S32	3	("3148629").URPN.	USPAT	OR	ON	2011/03/02 08:35
S33	8	"6193476"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 08:40
S34	18	("1532231" "2014613" "2174114" "2376538" "2490118" "4421463" "4551075" "5118517" "5188517" "5337565").PN. OR ("6193476"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/02 08:40
S35	18	"1568447"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 08:41
S36	8	"1616774"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 08:42
S37	15	"3135210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 08:43

S38	0	((force or pressure) near2 intensify \$3) and cylinder and (transfer near2 chamber) and (discharge or output or outlet)and ((resupply or reload) near2 chamber)and valve).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 08:48
S39	0	((force or pressure) near2 intensify \$3) and cylinder and (transfer near2 chamber) and (discharge or output or outlet)and ((supply or load\$3 or reload\$3 or re-load\$3) near2 chamber)and valve).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 08:50
S43	8	"1616774"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 10:26
S44	5	"5984642"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/02 10:43

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S40	2	(hollow near2 piston) and cylinder and (transfer near2 chamber) and (discharge or output or outlet)and ((resupply or reload) near2 chamber) and valve	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/02 08:18
S41	0	((force or pressure) near2 intensify\$3) and cylinder and (transfer near2 chamber) and (discharge or output or outlet)and ((resupply or reload) near2 chamber) and valve)	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/02 08:48
S42	1	((force or pressure) near2 intensify\$3) and cylinder and (transfer near2 chamber) and (discharge or output or outlet)and ((supply or load \$3 or reload\$3 or re-load \$3) near2 chamber)and valve)	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/02 08:49

3/2/2011 12:26:34 PM

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